


**SELECTION FOR THE POST OF SECTION CONTROLLER (75% PRQ)****QUESTION PAPER FOR THE WRITTEN EXAMINATION**

Date : 11/02/2024  
Duration : Two hours (11.00 hrs 13.00 hrs)

Venue: RHSS/PER  
Max: 100 marks

**Instructions to candidates**

1	Check that the Question Paper contains 110 questions and if any unprinted/torn pages are found, get it replaced.
2	There will be 110 questions with four multiple choice answers. Each Question carries equal mark. <b>There will be negative marking @1/3 for a wrong answer.</b>
3	It may be noted that in the event of any doubt / discrepancy, the most apt option and the English version will prevail. The candidates appearing for the exam are requested to clarify their doubts about an questions / option, at the beginning of / during the examination, so that the same shall be clarified / corrected / substituted, for the benefit of all.
4	<b>Candidates are required to fill Items No.1 to 11 in the OMR answer sheet.</b> Use only Blue / Black Ball Point Pen for writing / shading / darkening on the OMR Sheet. <b>Gel Pens / Pencils are not allowed.</b>
5	The OMR answer sheet contains duplicate copy and <b><u>DO NOT ATTEMPT TO SEPARATE OR DISPLACE THE DUPLICATE COPY WHILE ANSWERING.</u></b> The shading/darkening done on the original OMR answer sheet will automatically appear on the Carbon Copy and hence no separate shading/darkening requires on the carbon copy.
6	Corrections of any type on the OMR sheet (eg. overwriting, cutting, erasing, multiple shading or alterations of any type in the answer) <b>will not be accepted.</b> Zero marks will be given for such answers. <b>No replacement OMR Sheet will be provided.</b>
7	Please enter your <b>Employee No</b> ONLY in the Box provided in the Answer Sheet and darken the corresponding circle.
8	Answers to Questions 1 to 110 are given in the multiple choice as A, B, C, D. Choose only one correct answer to each question from the multiple choice given (A, B, C, D) and darken/shade the appropriate circle fully. Changes are not permitted once answered.  <u>Correct Method</u> Wrong Method 
9	Candidates are strictly advised to answer <b>only 100 questions</b> out of 110 questions. The first attempted 100 question will be evaluated and answering more than 100 will be ignored even though correctly answered. Answering of questions in official language is <b>NOT COIMPULSORY.</b>
10	Please handover the OMR sheet along with its duplicate copy to the invigilator before leaving the examination hall. No OMR sheet copy should be carried by the candidate. Candidates are allowed to take the Question Paper with them after the examination.

**Answer 100 Questions:**

**Marks : 100x1=100 marks**

1. In MRTS section, when wind velocity exceeds \_\_\_\_\_ Train service is to be stopped.  
A. 51 knots/82 Kmph  
B. 40 knots/62 Kmph  
C. 72 knots/41 Kmph  
D. 41 knots/72 Kmph
2. Dead Engine should not be attached in..... Trains.  
A. Mail/Express Trains  
B. Goods Trains  
C. Rajdhani/Shatabdi Trains  
D. Superfast Trains
3. What is the station Classifications \_\_\_\_\_?  
A. A  
B. D & C  
C. A, B, C, D and Special Class  
D. None of these
4. The speed the Trains over non-interlocked facing points shall not exceed....  
A. 15 KMPH  
B. 30 KMPH  
C. 20 KMPH  
D. 05 KMPH
5. Latest correction No 8 to WTT pertaining to  
A. enhancement of section speed to 110 KMPH between KOK-AIP UP/DN Fast lines  
B. enhancement of sectional speed of AJJ-RU  
C. Deletion of PSR in AJJ-JTJ DN/UP line at Br. 298  
D. None of the above
6. MPS of Goods Trains are notified in  
A. Operating Manual  
B. GRS  
C. WTT  
D. SWR
7. ISMD loads are to be attached next to \_\_\_\_\_  
A. Train Engine  
B. Centre of the formation  
C. BV  
D. Guard van
8. When Hot Axle noticed in running Train, Train must be stopped \_\_\_\_\_  
A. Immediately  
B. In next station  
C. Next stopping point  
D. None of these
9. Shifted Timings of Trains are detailed in  
A. Public Time Table (PTT)  
B. NTES App  
C. ICMS  
D. WTT

10. Power Supply for Sidings shall be isolated by
  - A. TPC
  - B. Section Controller
  - C. Authorised OHE Official
  - D. SM
  
11. Time limit fixed for immediate follow up action by SM, if a Train carrying Passengers does not arrive from Station in rear is
  - A. Normal running time + 10 minutes
  - B. Normal running time + 20 minutes
  - C. 20 minutes
  - D. None of the above
  
12. During interruption of control communication /on non controlled section preference to the Train shall be dealt according
  - A. GRS
  - B. Operating Manual
  - C. BWM
  - D. WTT
  
13. The Signal Sighting is done once in -----
  - A. Three months
  - B. once in six months
  - C. During new line commissioning
  - D. After accident
  
14. SPART & ARME Scale I in Chennai Division is located at \_\_\_\_\_ & \_\_\_\_\_
  - A. MS & JTJ
  - B. MAS & JTJ
  - C. MAS & KPD
  - D. TNPM & JTJ
  
15. Turning out time for BD special in day \_\_\_\_\_ minutes.
  - A. 45
  - B. 30
  - C. 15
  - D. 20
  
16. At the terminal yard \_\_\_\_\_ Board is provided.
  - A. Passenger warning
  - B. Goods warning
  - C. Stop
  - D. None of these
  
17. Premium BPC is Valid for \_\_\_\_\_ days
  - A. 10+3 days
  - B. 15 days
  - C. 12+3 days
  - D. 30 days



18. Generally, CC rake BPC is Valid for
- A. 12+3 days
  - B. 10+3 days
  - C. 45 days
  - D. 6000 km/30 days, 7500 km/35 days
19. Material Train BPC is Valid for
- A. 12+3 days originating 100%, Enroute 75%
  - B. 30 days originating 90%, Enroute 70%
  - C. 12+3 days originating 95%, Enroute 75%
  - D. 6000 km/30 days, 7500 km/35 days
20. Standard time shall be transmitted to all Stations by
- A. Divisional Head quarters
  - B. Meteorological Department
  - C. Section Controller
  - D. ALL
21. Normal length of 59 BOXN+1 8W BV + 2 AC LOCOS
- A. 696 Mts
  - B. 672 Mts
  - C. 677 Mts
  - D. 715 Mts
22. Permanent speed restrictions are notified through
- A. WTT
  - B. GRS
  - C. SWR
  - D. PTT
23. PF line of a Station is denoted in WTT by ..... in Section information.
- A. Underline
  - B. Bold
  - C. with a legend "PF line"
  - D. None of the above
24. At a Terminal station the Medical Relief train shall be turned out within
- A. 20 mins
  - B. 15 mins
  - C. 30 mins
  - D. 25 mins
25. In double line Absolute Section for shunting beyond LSS the authority is
- A. T/806
  - B. Shunt key or PN
  - C. T/806 + LSS Key (shunt key)
  - D. none



26. Availability of wagons for successive loading is known as
- A. WKM
  - B. WTR
  - C. ETR
  - D. All the above
27. System of working between AJJ-POI
- A. Absolute Double Line
  - B. Automatic Double Line
  - C. Slotting arrangement with IBS
  - D. None of the above
28. Trial run of Medical relief Train shall be conducted once in
- A. one month
  - B. two months
  - C. three months
  - D. six months
29. Number of Control Boards in MAS Control Office are
- A. Seven
  - B. Six
  - C. Four
  - D. Ten
30. During issue of form T/3.51 By S&T Staff, Trains can be dealt
- A. As per Control Orders
  - B. As per Permission given by S&T Staff in prescribed format
  - C. As per orders of Section TI
  - D. None of the above
31. The change in system of working is indicated to LP through \_\_\_\_\_ board on \_\_\_\_\_
- A. Indication /LSS
  - B. stop board/FSS
  - C. Indication/appropriate stop signal
  - D. SM office
32. If IBSS fails, the whole section is treated as one block section and Train Started on \_\_\_\_\_
- A. T/A 602
  - B. PLCT
  - C. Written memo
  - D. Prescribed memo
33. "System of working" falls under chapter \_\_\_\_\_ of GRS.
- A. VII
  - B. V
  - C. IV
  - D. III

34. One Train Only system is in vogue
- A. CGL-CJ
  - B. AIP-AIPP
  - C. MCPK-MCPT
  - D. NONE
35. MSDAC means
- A. Multi Section Digital Axle Counter
  - B. Multi Signalling Digital Axle Counter
  - C. Multi System Digital Axle Counter
  - D. Multi Screening Digital Axle Counter
36. ISRT means
- A. Inter Station running time
  - B. Inter Signal running time
  - C. Important Station to Station running time
  - D. All the above
37. What is the pressure to be maintained in the Brake Pipe at Train Engine?
- A. 4 Kg/Cm<sup>2</sup>
  - B. 5 Kg/Cm<sup>2</sup>
  - C. 3 Kg/Cm<sup>2</sup>
  - D. 6 Kg/Cm<sup>2</sup>
38. SWR provisions are given under S.R.
- A. S.R. 3.36
  - B. S.R. 5.06
  - C. S.R. 5.05
  - D. S.R. 4.50
39. An accident will be termed as serious accident when the loss of Railway property is more than\_\_
- A. 1 Crore
  - B. 2 Crores
  - C. 3 Crores
  - D. 4 Crores
40. What is the latest Goods Loco Running in MAS Division?
- A. WAG-12 B
  - B. WDS - 6
  - C. WAP 7
  - D. WAG-9 H
41. SCOTT's formula is used to determine
- A. Line capacity of section
  - B. To determine Operating Ratio
  - C. To arrive at EKM
  - D. All the above

42. The phrase Primary maintenance (PM) and Secondary maintenance ( SM) pertains to
- A. Goods stock maintenance
  - B. Track maintenance pattern
  - C. Coaching Stock maintenance
  - D. Loco Schedules
43. All Drivers of Express and mail trains should run at ----- speed subject to speed restrictions.
- A. Minimum
  - B. Maximum Permissible
  - C. Caution
  - D. Convenient
44. Form to be filled by the TMR and LP in the case of persons falling out of train is
- A. ACC-1
  - B. ACC-2
  - C. ACC-3
  - D. ACC-4
45. BLCA wagon is a .....
- A. Tank wagon
  - B. Hopper wagon
  - C. Covered wagon
  - D. Container wagon
46. Accidents are classified into \_\_\_ no. of classes.
- A. 15
  - B. 18
  - C. 16
  - D. 20
47. Operating Ratio in simple terms means
- A. The expenditure incurred by Operating Department
  - B. The ratio of expenses of Operating Department with other Department
  - C. Ratio of working expenses to gross earnings
  - D. None of the above
48. Number of interchange points of MAS Division?
- A. Seven
  - B. Four
  - C. Eight
  - D. Three
49. In a COA Express Trains are indicated by --- coloured lines
- A. Blue
  - B. Pink
  - C. Red
  - D. Black



50. The Form used by TPC for requesting programmed Power Block is
- ETR 1
  - ETR 2
  - ETR 3
  - ETR 4
51. Number of Coaching terminals in MAS Division
- Two
  - One
  - Four
  - Three
52. Rolling block means
- Track machine blocks
  - Advance planning of traffic blocks or disconnections over a specified duration
  - Lie blocks issued on day to day basis
  - Rolling over one block to another
53. Number of IBSS in MAS Division are
- Four
  - Two
  - One
  - Three
54. What is the periodicity of inspection of ARME Scale-I by a medical officer?
- Once in 6 months
  - Once in 3 months
  - Once in 2 months
  - Every month
55. Maximum sectional speed 130 KMPH is allowed in Chennai Division is
- MAS-GDR
  - MS-VM & CGL-AJJ
  - MSB-MS
  - None of these.
56. Slip siding is available at one of the following Station
- NG
  - KDY
  - PEL
  - POI
57. Speed of a loaded rake, if unable to weigh at first weigh bridge, to next weigh bridge is
- 40 Kmph or less
  - Normal sectional speed
  - 75 Kmph
  - not exceeding to 50 kmph

58. In Automatic section Movement against the direction of Traffic is
- A. Generally not permitted
  - B. Permitted only during emergencies
  - C. permitted
  - D. A + B is correct
59. No work shall be done by Railway staff in the 25 KV Electrified section within a distance of .....
- A. 1 Meter
  - B. 6 Meter
  - C. 4.67 Meter
  - D. 2 Meter
60. If patrolman is not turned within 15 minutes of scheduled arrival, one of the action to be taken by SM to deal a Train is?
- A. No action is required
  - B. issue of Caution order to Trains with SR 40/15 day/night
  - C. SM to inform Control
  - D. Issue of all concerned message
61. How many numbers of damaged vehicle certified fit to run in damaged condition can be attached in rear of rearmost BV of Goods Train is
- A. One
  - B. Two
  - C. Four
  - D. No restriction
62. How should the freight train be started / cleared from a way side station without BPC or with an invalid BPC?
- A. GDR's joint Check memo
  - B. LP's written memo
  - C. SM's written memo
  - D. None
63. How many numbers of PFs available at MAS & MS to deal M/E Trains (other than EMU/MEMU)?
- A. 11 & 7
  - B. 11 & 9
  - C. 12 & 9
  - D. 11 & 11
64. What is the width of Broad gauge Track?
- A. 1676 mm
  - B. 1400 mm
  - C. 1500 mm
  - D. 1600 mm

65. Percentage of BMBS rakes in Train shall be recorded in ---
- A. CTR
  - B. Guards RJB
  - C. BPC
  - D. none of the above
66. At originating Station, minimum number of braked wagons with brakes and brake cylinder in working order are to be attached next to TE and in front of BV....
- A. Four/Four
  - B. Three/Three
  - C. Two/Two
  - D. none of the above
67. What is the POH periodicity of EMU coaches?
- A. 12 months
  - B. 18 months
  - C. 24 months
  - D. 36 months
68. The acronym HABD stands for ...
- A. Hot Axle Box detector
  - B. Hot Axle Bogie detection
  - C. Hot Axle Board Display
  - D. None of the above
69. NLT of M/E Trains means
- A. Newly lost time
  - B. Number of Loss of Trains
  - C. Not Lost time
  - D. None of the above
70. Passenger Train SPAD ( Signal Passing at Danger) is classified as
- A. J-4
  - B. K-2
  - C. A-3
  - D. H-1
71. Form T/D 912 shall be issued in automatic Section to Trains during
- A. Signal failures
  - B. During declared prolonged Signal failure
  - C. Single line working on double line
  - D. None of these.
72. SWR prepared and issued by.
- A. Sr.DOM
  - B. Sr.DSO
  - C. Office of the DRM
  - D. By Construction Department



73. What is the required Brake power of a Passenger carrying Train?  
A. 100 %  
B. 97 %  
C. 75 %  
D. 80 %
74. During point failure, after cranking of point, if required indication appears Trains can be dealt on  
A. Form T/ 369 3-b  
B. Calling on Signal  
C. on Signals  
D. through SPT authorisation
75. What is the temporary Engineering fixed signals?  
A. Caution Indicator  
B. Speed Indicator  
C. Stop Indicator  
D. All of the above
76. CC+6+2 Loaded Trains are not permitted to run in .....section  
A. MS-VM  
B. MSB-VLCY  
C. CGL-AJJ  
D. AJJ-RU
77. Ruling Gradient in MAS- AJJ Section is .....  
A. 1 in 100  
B. 1 in 400  
C. 1 in 260  
D. 1 in 200
78. Speed in Standard III Interlocking is.....kmph  
A. Up to 110  
B. Up to 140  
C. Up to 160  
D. None of these
79. Concept of Control working is detailed in  
A. GRS  
B. SWR  
C. Control Working order  
D. Operating manual
80. For securing vehicles, gadgets used are  
A. Safety Chains  
B. Skids  
C. Hand brakes  
D. All the above

81. The 'A' Class load of ISMD/ODC is permitted to run whether day or night?
- A. Day
  - B. Night
  - C. Day & Night
  - D. None
82. Which class of ISMD/ODC is permitted to run during day time only?
- A. D
  - B. C
  - C. B
  - D. A
83. Escort is necessary for which class ISMD?
- A. D
  - B. C
  - C. B
  - D. A
84. Generally, Speed During shunting Operations shall not exceed is
- A. 15 KMPH
  - B. 10 KMPH.
  - C. 40 KMPH over facing point.
  - D. None of the above.
85. Permissible flat tyre on wheel tread for Goods and Coaching Stock is ..... & .....mm.
- A. 60 & 45
  - B. 60 & 50
  - C. 50 & 60
  - D. None of these.
86. Single Line Working on Double Line in Absolute Block System, the Speed of First Train is..... KMPH.
- A. 15
  - B. 25
  - C. 40
  - D. None of these.
87. Single Line Working on a Double Line in the Automatic Block System, the speed of the Subsequent Train is .....KMPH.
- A. 15
  - B. 25
  - C. Booked Speed
  - D. None of these.

88. Latest correction Memo to GRS is \_\_\_\_\_
- A. 6/2023
  - B. 2 /2024
  - C. 1/2024
  - D. Nil
89. For Coaching Trains, Engineering Allowance and Traffic allowance timings are indicated in
- A. WTT
  - B. Control Order
  - C. SOB
  - D. Divisional Operating Circular (DOC)
90. Periodicity of O&E in LCs with PSC sleepers
- A. 3 years
  - B. 2 years
  - C. 4 years
  - D. 6 Months
91. MSB-TBM route is classified as
- A. "C" route
  - B. "B" route
  - C. "Special" route
  - D. None of these
92. LED Matrix type of route indicator is provided in
- A. In colour light signalling territory with more than 3 lines on one or both sides of main Line
  - B. At all junction Stations
  - C. At all terminal Stations
  - D. None of the above
93. During dense fog, the speed of the Train when passed Signal at "ON" in Automatic territory
- A. not exceeding 10 KMPH
  - B. Walking speed
  - C. 15 KMPH
  - D. 40 KMPH
94. The backing of Trains in Automatic territories is \_\_\_\_\_
- A. Not permitted
  - B. permitted under special instructions
  - C. prohibited
  - D. Requires permission of Authorised Officer.



95. Number of system of working over MAS Division are
- A. Six
  - B. Eight
  - C. Two
  - D. Three
96. Classification of various routes of SR is given in
- A. GRS
  - B. IRSEM
  - C. Accident manual
  - D. All the above
97. The details of disconnection/reconnection notices are recorded in \_\_\_\_\_
- A. Station diary
  - B. TSR
  - C. Disconnection/reconnection registers
  - D. None of these.
98. SWR Rule diagrams are prepared based on \_\_\_\_\_
- A. SIP
  - B. ESP
  - C. Operating manual
  - D. BWM
99. Speed over facing point when Train passes Home Signal at Caution aspect is
- A. Sectional speed
  - B. Not exceeding 50 KMPH
  - C. 75 KMPH
  - D. 15 KMPH
100. The Disaster management Board at Stations/Control Office are kept as per \_\_\_\_\_  
Chapter of Accident Manual.
- A. Chapter III
  - B. Chapter II
  - C. Chapter X
  - D. ACC form VI
101. When was the Official Language Act 1963 Passed?
- A. 10.06.1963
  - B. 14.09.1949
  - C. 14.06.1949
  - D. 10.05.1963
102. When is Hindi Day celebrated every year?
- A. 10<sup>th</sup> June
  - B. 10<sup>th</sup> May
  - C. 14<sup>th</sup> September
  - D. 14<sup>th</sup> May

103. What is the Official Language of Union of India?  
A. Hindi  
B. English  
C. Tamil  
D. Sanskrit
104. Communication between of One Ministry or Department of the Central Government and another may be in which language as per Section 4 (a) of the Official Languages Rules 1976?  
A. In Hindi or in English  
B. In Hindi and regional language  
C. In English and regional language  
D. In English only
105. Which part of the Constitution contains provision regarding Official language?  
A. Part X  
B. Part XII  
C. Part XV  
D. Part XVII
106. The state of Tamil nadu is coming under which region as per Official language rules?  
A. Region A  
B. Region B  
C. Region C  
D. Region D
107. In which order are the Station announcements made?  
A. Bilingual (Hindi & English)  
B. Only Hindi  
C. Trilingual (Regional, Hindi & English)  
D. Bilingual (Regional & English)
108. Who is the Chairman of Town Official Language Implementation Committee (Offices)/Chennai?  
A. General Manager/Southern Railway  
B. Divisional Railway Manager  
C. PCPO  
D. Sr.DOM
109. What is the Official language of Arunachal Pradesh?  
A. Hindi  
B. Assamese  
C. Sanskrit  
D. English
110. What is the English word for the Hindi word "Pareeksha"?  
A. Circular  
B. Course  
C. Examination  
D. Correspondence

**अनुभाग नियंत्रक के पद के लिए चयन (75% पीआरक्यू)**  
लिखित परीक्षा के लिए प्रश्न पत्र



दिनांक : 11/02/2024

समय : Two hours (11.00 hrs 13.00 hrs)

स्थान: आरएचएस/पेरंबूर

अधित्म: 100 अंक

उम्मीदवारों के लिए निर्देश

1	जांचें ले कि प्रश्न पत्र में 110 प्रश्न हैं और यदि कोई अमुद्रित/फटे हुए पृष्ठ पाए जाते हैं, तो इसे बदल दें।
2	चार बहुविकल्पीय उत्तरों के साथ 110 प्रश्न होंगे। प्रत्येक प्रश्न के लिए समान अंक है। प्रत्येक गलत उत्तर के लिए नकारात्मक अंकन @ 1/3 होगा।
3	यह ध्यान दिया जा सकता है कि किसी भी संदेह / विसंगति की स्थिति में, सबसे उपयुक्त विकल्प और अंग्रेजी संस्करण ही मान्य होगा। परीक्षा में बैठने वाले उम्मीदवारों से अनुरोध है कि वे परीक्षा की शुरुआत में/परीक्षा के दौरान किसी प्रश्न/विकल्प के संबंध में अपनी शंकाओं को स्पष्ट कर लें, ताकि सभी के लाभ के लिए उसे स्पष्ट/सुधारा/प्रतिस्थापित किया जा सके।
4	उम्मीदवारों को ओएमआर उत्तर पुस्तिका में मद संख्या 1 से 11 भरना आवश्यक है। ओएमआर शीट पर लिखने/छायांकन करने/काला करने के लिए केवल ब्लू/ब्लैक बॉल पॉइंट पेन का उपयोग करें। जेल पेन / पेंसिल की अनुमति नहीं है।
5	ओएमआर उत्तर पुस्तिका में डुप्लिकेट कॉपी होती है और उत्तर देते समय डुप्लिकेट कॉपी को अलग या विस्थापित करने का प्रयास न करें। मूल ओएमआर उत्तर पुस्तिका पर किया गया छायांकन/काला करना स्वचालित रूप से कार्बन कॉपी पर दिखाई देगा और इसलिए कार्बन कॉपी पर अलग से छायांकन /
6	ओएमआर शीट पर किसी भी प्रकार के सुधार (जैसे ओवरराइटिंग, कटिंग, मिटाना, कई छायांकन या उत्तर में किसी भी प्रकार के परिवर्तन) स्वीकार नहीं किए जाएंगे। ऐसे उत्तरों के लिए शून्य अंक दिए जाएंगे। कोई प्रतिस्थापन ओएमआर शीट प्रदान नहीं की जाएगी।
7	कृपया उत्तर पुस्तिका में दिए गए बॉक्स में केवल अपना कर्मचारी नंबर दर्ज करें और संबंधित वृत्त को काला कर दें।
8	प्रश्न 1 से 110 के उत्तर बहुविकल्पी A, B, C, D में दिए गए हैं। दिए गए बहुविकल्पी (A, B, C, D) में से प्रत्येक प्रश्न का केवल एक सही उत्तर चुनिए और उपयुक्त वृत्त को पूरी तरह से काला कर दें/छाया दें। एक बार उत्तर देने के बाद परिवर्तन की अनुमति नहीं है। <b>सही विधि</b>  <b>गलत विधि</b> 
9	उम्मीदवारों को सख्त सलाह दी जाती है कि वे 110 प्रश्नों में से केवल 100 प्रश्नों का उत्तर दें। पहले प्रयास किए गए 100 प्रश्नों का मूल्यांकन किया जाएगा और 100 से अधिक प्रश्नों का सही उत्तर देने के बावजूद उन्हें अनदेखा कर दिया जाएगा। आधिकारिक भाषा में प्रश्नों का उत्तर देना अनिवार्य नहीं है।
10	कृपया परीक्षा हॉल छोड़ने से पहले ओएमआर शीट को उसकी डुप्लिकेट कॉपी के साथ निरीक्षक को सौंप दें। उम्मीदवार द्वारा ओएमआर शीट कॉपी नहीं ले जा सकते। उम्मीदवारों को परीक्षा के बाद प्रश्न पत्र अपने साथ ले जाने की अनुमति है।

**100 प्रश्नों का उत्तर:**

**अंक : 100x1=100 अंक**

1. एमआरटीएस सेक्शन में, जब हवा का वेग \_\_\_\_\_ से अधिक हो, तो गाड़ी सेवा बंद की जानी है।  
A. 51 knots/82 किमी/घंटा  
B. 40 knots/62 किमी/घंटा  
C. 72 knots/41 किमी/घंटा  
D. 41 knots/72 किमी/घंटा



**SELECTION FOR THE POST OF SECTION CONTROLLER IN LEVEL 6 PAY MATRIX UNDER  
VII CPC AGAINST 75% PROMOTIONAL QUOTA IN OPERATING DEPARTMENT**

Date of Examination : 05.09.20  
Duration : 02:00hrs

Total Marks : 100

**INSTRUCTIONS TO BE FOLLOWED BY CANDIDATES**

- (a) " Candidates should write their name , designation, office, roll number/staff number, etc ONLY in the space provided in the fly leaf and not in any of the page in the answer books or additional sheets"
- (b) Any names/roll numbers or any other distinct symbols if found in the answer books or additional sheets, such papers will be disqualified.
- (c) In the answers, no correction of any type is permitted. In case any correction is made, that answer shall not be evaluate at all for e.g. corrections made like (a) cutting (b) overwriting (c) erasing (d) scoring off a ticked answer and ticking another answer and (e) modifying the answer in any way will not be evaluated at all "
- (d) The questions on Official Language are not compulsory and the evaluation will be made only in respect of questions for 100 marks.
- (e) There will be negative marking @ 1/3 MARK FOR A WRONG ANSWER.
- (f) The candidates are not allowed to keep mobile phones/electronic gadgets or any other documents/papers with them in the Examination Hall.

- 1. In absolute block system with multiple aspect signalling the adequate distance required for granting line clear shall not be less than \_\_\_\_\_  
1. 180 m    2. 270 m    3. 400 m    4. 600 m
- 2. Maximum sectional speed 110 KMPH is allowed in Chennai division is  
1. MAS-GDR    2. MAS-JTJ  
3. MS-VM    4. All of the above
- 3. The chairman of Time Table Committee in zonal level is  
1. AGM    2. PCSC    3. PCSO    4. PCOM
- 4. The fixed stop signal of a station controlling the entry of trains into the next block section is  
1. LSS    2. FSS    3. starter    4. IBS
- 5. What is the authority to proceed for the trains running on the Wrong Line when single line working is introduced on double line in Automatic Signaling Territory?  
1. LCT    2. T/A 409    3. T/609    4. T/J 602
- 6. What is full form of D.V.?  
1. Distribution Valve    2. Dump Valve  
3. Distributor Valve    4. Distributor Vehicle
- 7. What is full form of C.C. Rake?  
1. Control Circuit Rake    2. Common Circuit Rake  
3. Centre Circuit Rake    4. Closed Circuit Rake
- 8. What is the minimum brake power percentage issued to closed circuit rake from originating station?  
1. 95 %    2. 90 %    3. 100 %    4. 75%



9. At a Terminal station the Medical Relief train shall be turned out within  
 1. 20 mins 2. 15 mins 3. 30 mins 4. 25 mins
10. Trial run of MRV shall be conducted once in  
 1. one month 2. Two months  
 3. Three months 4. Twelve months
11. In GRS, rules are printed in \_\_\_ letters.  
 1. Small 2. Cursive 3. Bold 4. any
12. For protection of a train in Absolute Block System BG, The first detonator is placed at  
 1. 400 mtrs 2. 600 mtrs 3. 500 mtrs d. 250 mtrs
13. BCC can be revalidated by \_\_\_ only once for a period of two months.  
 1. DME 2. DSC 3. DSO 4. DOM
14. GRS issued by \_\_\_\_\_  
 1. DRM 2. GM 3. Railway Board 4. CRS
15. Head of the Division \_\_\_\_\_  
 1. DRM 2. GM 3. PCOM 4. Sr. DOM
16. If period of absence is \_\_\_ consecutive days or more, a fresh declaration shall be obtained.  
 1. 15 2. 5 3. 16 4. 10
17. SWR is \_\_\_\_\_  
 1. Station working rules 2. Station working register  
 3. South working rules 4. Station working Order rule
18. Gradients at stations are given in \_\_\_\_\_  
 1. SWR 2. GWR 3. GRS 4. None of these
19. What is the aspect of Distant signal at ON?  
 1. Danger 2. Caution 3. Proceed 4. Attention
20. Automatic stop signal is identified by \_\_\_\_\_  
 1. "A" Marker plate 2. "A" Marker Light  
 3. "C" Marker 4. "A" Marker plate "C" Marker Light
21. The speed of Engine shunting shall not exceed \_\_\_\_\_ kmph.  
 1. 5 2. 15 3. 10 4. 6
22. The speed of hand shunting shall not exceed \_\_\_\_\_ Kmph.  
 1. 5 2. 15 3. 10 4. 6
23. LHB means \_\_\_\_\_  
 1. Lang Hofmann Busch 2. Linke Half Busch  
 3. Linke Hofmann Busch 4. Linke Hofmann Bus
24. Head quarters of Southern Railways situated at \_\_\_\_\_  
 1. Trichy 2. Salem 3. Chennai 4. Arakkonam
25. Wind velocity measured by \_\_\_\_\_  
 1. Anemometer 2. Spectrometer  
 3. Thermometer 4. Hydrometer



26. Which one of the following station is a junction station?  
1. Tambaram 2. Chengalpattu 3. Chennai Egmore 4. Chennai Central
27. IBP is treated as  
1. Block station 2. Non block station 3. Spl. Class station 4. None
28. BPC shall be issued only after checking in -----  
1. empty 2. loaded  
3. both a & b 4. None of the above
29. Maximum speed of 110 kmph is permitted at stations having  
1. STD-I R interlocking 2. STD-II R interlocking  
3. STD-IV R interlocking 4. STD-III R interlocking
30. -----means the distance sufficient to ensure safety.  
1. Required distance 2. Safe distance  
3. Adequate distance 4. Sufficient distance
31. Accidents have been classified into \_\_\_ categories  
1. 10 2. 12 3. 14 4. 16
32. What is the type of Fire Extinguishers available at stations and in trains?  
1. CO<sub>2</sub> 2. DCP 3. Water 4. LPG
33. New IBSS is erected or relocated caution order should be issued for \_\_\_ days.  
1. 30 2. 60 3. 75 4. 90
34. Who is the sanctioning authority for moving of Class 'A' loads over more than two divisions?  
1. Authorised Officer 2. CRS 3. RGM/CRIS 4. PCSO
35. What is the method used in Railways for scanning the rails?  
1. USFD 2. FRED 3. SPAD 4. LASER
36. Dead loco motive shall not be attached to these trains  
1. Express 2. Passenger  
3. Rajdhani and Shatabdhi 4. Goods
37. The UP and DOWN direction of Traffic on the various sections are given in  
1. WTT 2. SWR 3. PTT 4. RJB
38. What is the validity of the BPC for Material Train?  
1. 15 days 2. 1 week 3. 20 days 4. 30 days
39. What is full form of ROH?  
1. Regular Overhauling 2. Rational Overhauling  
3. Risk Overhauling 4. Routine Overhauling
40. In double line, signal overlap is reckoned from \_\_\_\_\_  
1. Home signal 2. FSS 3. Starter 4. LSS
41. BCACBM is what types of Goods Trains \_\_\_\_\_  
1. CAR loading wagon 2. New modified goods  
3. container wagon 4. double deck open wagon
42. How many wagons in a formation of BTPN?  
1. 50 + BV 2. 50 + 2 BV 3. 49 + 2 BV 4. 52 + BV
43. Sighting committee should conduct Foot plate inspection once in \_\_\_ months.  
1. 4 2. 3 3. 6 4. 5
44. Line clear ticket for down direction is in form No \_\_\_\_\_  
1. T/806 2. T/D1425 3. T/1410 4. None of these
45. Red Ribbon Express was launched in India on  
1. World AIDS day 2. National Human Rights day  
3. Hemophilia day 4. Hindi day



46. Which one of the following is Hospital train?  
 1. Red Ribbon express      2. Lifeline express  
 3. Sanskriti express      4. Science express
47. Nilgiri Express is running between  
 1. MAS-MDU   2. MAS-MTP   3. MAS-TVC   4. MAS-NCJ
48. RCT in Kerala located at  
 1. Trivandrum   2. Palakkad   3. Ernakulam   4. Calicut
49. BPC is issued for \_\_\_\_\_  
 1. Passenger trains      2. Goods trains      3. MEMU      4. All trains
50. Shunting orders form No \_\_\_\_\_  
 1. T/806      2. T/B 912      3. T/369 (3b)      4. None of these
51. ISMD always to be attached next to \_\_\_\_\_  
 1. Engine      2. Centre of the formation  
 3. BV      4. Guard van
52. For Fog signalling, two detonators should be placed at \_\_\_\_\_ mtrs.  
 1. 270      2. 180      3. 600      4. 360
53. While receiving the train on obstructed line hand signal shall be exhibited at ----- meter  
 1. 20      2. 45      3. 180      4. 50
54. BPC means \_\_\_\_\_  
 1. Brake Power Certificate  
 2. Block Competency Certificate  
 3. Block Test Certificate  
 4. None of these
55. Permanent speed restrictions are notified through  
 1. PTT      2. WTT      3. GWR      4. SWR
56. Maximum speed of LHB coaches can run is \_\_\_\_\_ IRS coaches.  
 1. greater than      2. lesser than      3. equal to      4. None
57. Which one of the Loco has the highest Horse Power?  
 1. WAP1      2. WAP4      3. WAG7      4. WAG9
58. Caution order in Form T/409 is given at  
 1. Notice station      2. All stopping stations      3. All block stations      4. Halt station
59. Rail fracture/weld failure is treated as \_\_\_\_\_  
 1. Obstruction      2. Accident      3. Circuit failure      4. Relay failure
60. The Rajdhani Express connecting with \_\_\_\_\_ Capital to National Capital.  
 1. State      2. Center      3. Chennai      4. None of these
61. Train 18 has been manufactured by  
 1. RCF      2. ICF      3. DRDO      4. RDSO



62. ICF situated at

1. Tambaram      2. Guindy      3. Arakkonam      4. Perambur

63. Guard Certificate has \_\_\_ foils.

1. 3      2. 4      3. 2      4. 5

64. Automobile loading in our division at

1. Mukundarayapurm      2. Walajah Road      3. Thalagai      4. Walajabad

65. What is the new innovation for prevention of collision?

1. ACD      2. LCD      3. LED      4. LCT

66. What immediate action a loco pilot shall take in case of accident to his train?

1. Put on Flasher Light      3. Switch off head light at night  
2. Protect the adjacent track      4. All of the above

67. What are the types of Brake Power certificates in vogue for freight trains?

1. End to end (Vacuum)      2. End to end (Air brake)  
3. CC rake (Air brake)      4. All of the above

68. How the freight train with an invalid BPC be started/cleared from a way side station ?

1. GDR's joint check memo      2. LP's written memo  
3. SM's written memo      4. None

69. Intensive roster staff should work ----\_hours.

1. One      2. Two      3. Four      4. Six

70. \_\_\_ detonator shall be tested from each tin case every year

1. Four      2. Three      3. Two      4. One

71. Which of the following is not a direct means of communication?

1. Block instrument      2. Telephone attached to BI  
3. Track circuit/Axle counter      4. Control phone

72. Block back shunting is applicable for \_\_\_ line.

1. single      2. double      3. single & double      4. None of the above

73. Steep gradient for Roller bearing vehicles is

1. 1/400      2. 1/400 or steeper  
3. Steeper than 1/400      4. 1/260 or steeper

74. Special Instructions are issued by

1. Authorised officer      2. GM      3. Railway Board      4. CRS

75. No. Of LAP to be accumulated by employee is

1. 260      2. 320      3. 280      4. 300

76. What is TVU?

1. Tangent Vehicle Unit      2. Train Van Unit  
3. Train Vehicle Unit      4. Tangent Van Unit



77. What is the Brake Pipe Pressure required in SLR of an Express train

1. 3.8 kg./ cm<sup>2</sup>      2. 4.8 kg./ cm<sup>2</sup>  
3. 5.8 kg./ cm<sup>2</sup>      4. 6.8 kg./ cm<sup>2</sup>

78. Speed of Class C ODC is \_\_\_\_\_ kmph.

1. 15      2. 25      3. 50      4. 60

79. Which one of the following is owned & operated by IRCTC?

1. Shatapdi      2. Duronto      3. Humsafar      4. Maharaja exp.

80. Expand IOW

1. Inspector of Works      2. Inspector of Workshop  
3. Inspector of W-Lan      4. Inspector of Worth

81. Maximum speed of the Material Train is

1. 60 kmph      2. 75 kmph      3. 90 kmph      4. 100 kmph

82. Calling on signal is \_\_\_\_\_ signal.

1. Subsidiary      2. Main      3. Hand      4. none

83. Causes of Flat Tyre

1. Brake binding      2. Poor driving skill  
3. Low adhesive      4. All of the above

84. CBC means \_\_\_\_\_

1. Centre Buffer coupling      2. IR coupling  
3. Centre Ball Bearing      4. None of these

85. What is the foremost objective of train operations?

1. Safety      2. Punctuality      3. Reliability      4. Efficiency

86. Air continuity test conducted by \_\_\_\_\_ & \_\_\_\_\_

1. TXR & SSE      2. LP & ALP      3. LP & Guard      4. SM & LP

87. Normal aspect of distant signal where inner distant is provided

1. Danger      2. Caution      3. Attention      4. Proceed

88. Minister of Railways Shri. Piyush Goyal announced the name..... for Train 18.

1. Vande Bharat exp.      2. Swachh Bharat exp.  
3. Clean India exp.      4. Green India exp.

89. Expansion of SEJ is

1. Switch Expansion Joint      2. Store Expansion Joint  
3. Safety Expansion Joint      4. Street Expansion Joint

90. What is the validity of BPC issued for closed circuit BOXN rakes issued in S.Rly?

1. 7500 kms. Or 35 days      2. 6000 kms. Or 30 days  
3. 4500 kms. Or 25 days      4. 3000 kms. Or 20 days



91. Level crossing is classified on the basis of  
 1. Public census 2. Train Vehicle Unit 3. Land survey 4. Number of trains
92. Who is the Principal Chief Vigilance Officer of Southern Railway?  
 1. AGM 2. GM 3. PCSO 4. SDGM
93. Which department is controlling the Tower Car?  
 1. S & T 2. Engg 3. TRD 4. Mechanical
94. How many fuses will be supplied to GKs of single line section?  
 1. One 2. Two 3. Three 4. 4.0
95. Sampark kranti Express in Tamilnadu runs between  
 1. NDLS-MAS 2. NZM-MDU 3. MDU-NDLS 4. SC-CAPE
96. What is the expansion of CTR with respect to Track?  
 1. Combined Track Removal 2. Complete Track Removal  
 3. Complete Track Renewal 4. Complete Track Repair
97. RRC means?  
 1. Railway Recruitment Company 2. Railway Recruitment Card  
 3. Railway Recruitment Cell 4. Railway Recruitment Corporation
98. Motor cum Parcel van is  
 1. RA 2. VPU 3. VP 4. PP
99. There are chapters in GRS.  
 1. 17 2. 18 3. 6 4. 14
100. What is the periodicity of testing of emergency telephone sockets in the section?  
 1. thrice a week 2. twice a week 3. Every week 4. Daily
101. When is Hindi day celebrated every year?  
 1. Sep 14 2. Oct 16 3. Sep 16 4. Oct 14
102. How many languages are listed in eighth schedule of Indian constitution?  
 1. 19 2. 20 3. 21 4. 22
103. In which region is Tamil Nadu situated?  
 1. D 2. C 3. B 4. A
104. Which one of the following is Dravidian language?  
 1. Telugu 2. Bengali 3. Sanskrit 4. Konkani
105. what is the elementary Hindi course prescribed for Central Govt. employees?  
 1. Prabodh 2. Praveen 3. Prayga 4. Pravashika
106. How much lump sum award granted for passing Prabodh through private efforts?  
 1. Rs. 1500/- 2. Rs. 1600/- 3. Rs. 2400/- 4. Rs. 3000/-

107. How many Hindi courses are prescribed for Central Government employees?

1. 6                      2. 5                      3. 4                      4. 3

108. Who is the Chairman of ZOLIC?

1. AGM                      2. GM                      3. PCOM                      4. PCCM

109. How many regions classified under Official Language Rule

1. 2                      2. 3                      3. 4                      4. 5

110. Where Hindi & English Bilingual form should be used?

1. All Rubber stamps & Metal seals
2. Heading on Registers & Subject on the File covers
3. Inscriptions on Government Vehicles
4. All of the above



**Written test for selection to the post of Section Controller against 75% Promotional quota in Operating Branch, Chennai Division.**

**Date: 08.05.2019 (Wed)**

**Time: 3 hours**

**Marks: 100**

**Instructions:**

1. Candidates should write their name, designation, office, roll number/staff number, etc., **ONLY** in the space provided in the fly leaf and not in any of the page in the answer books or additional sheets.
2. Any names/roll numbers if found in the answer books or additional sheets, such papers will be disqualified.
3. In the answers to the objective type questions, no correction of any type is permitted. In case any correction is made, that answer shall not be evaluated at all for e.g., corrections made in the objective type questions like (a) cutting (b) overwriting (c) erasing (d) scoring off a ticked answer in multiple choice and ticking another answer and (e) modifying the answer in any way will not be evaluated at all.
4. Answers may be given in Hindi or Regional language (Tamil or Telugu), if the candidate so chooses.

**PART-A**

**(Objective type Questions)**

**I. Fill in the blanks (1X12 = 12 marks)**

1. The 'Authorized officer' for the Southern Railway as per General & Subsidiary rules (G&SR) is \_\_\_\_\_.
2. \_\_\_\_\_ mark means the mark at which the infringement of fixed standard dimensions occurs, where two lines cross or join one another.
3. \_\_\_\_\_ organisation of the Indian railways is the nerve centre of the train operations.
4. \_\_\_\_\_ Control is responsible for prevention of theft of property and assists passengers in trains/stations.
5. The full form of BPC is \_\_\_\_\_
6. \_\_\_\_\_ is a document in which temporary speed restrictions are specified.
7. The sectional speed and the permanent speed restriction are shown in the \_\_\_\_\_
8. The standard time by which trains are generally run are communicated daily by the controller to all the stations at \_\_\_\_\_ hours.
9. All points shall normally be set for the \_\_\_\_\_ except when otherwise authorised by special instructions.
10. Proceed hand signal is given during the day by holding \_\_\_\_\_ coloured flag.
11. The engine should stop \_\_\_\_\_ metres from the formation while attaching/detaching.
12. Headquarters of Southern Railway is \_\_\_\_\_.

**II. Choose the right answer (1X13= 13 marks)**

1. \_\_\_\_\_ control monitors the imposition and cancellation of caution, working of track machines and monitoring of integrated maintenance block.  
(a) Traffic (b) Signal (c) Engineering (d) C&W
2. As per G&SR Day means from \_\_\_\_\_ to \_\_\_\_  
a) 06:00 to 18:00 hours (b) Sunrise to sunset (c) 00:00 to 00:00 hrs (d) 06:00 to 06:00
3. Which one of the following is not classified as 'Train accident'  
a) Collisions (b) Derailment (c) Fire in train (d) accident due to trespassing
4. \_\_\_\_\_ Signal shall be located at an adequate distance in rear of stop signal, the aspect of which it pre-warns.  
(a) Home (b) Distant (c) Starter (d) Calling on
5. The aspect of calling-on signal at ON is \_\_\_\_\_  
(a) Green (b) Red (c) No light (d) White
6. The distance of Visibility Test object (VTO) is \_\_\_\_\_  
(a) 500m (b) 120m (c) 150m (d) 180m
7. The speed of the train over non-interlocked facing point should be \_\_\_\_\_  
(a) 30kmph (b) 15kmph (c) 50kmph (d) Sectional speed
8. On BG line in case of obstruction to the line the first detonator will be placed at \_\_\_\_\_ m and second at \_\_\_\_\_ m from the obstruction.  
(a) 1200, 600 (b) 400, 800 (c) 600, 1200 (d) 800, 400
9. \_\_\_\_\_ means fixed stop signal of a station that controls the entry of the train into the next block station.  
(a) Home Signal (b) First stop signal (c) Starter Signal (d) Last stop signal.
10. The speed of the first passing train during temporary single line working on double line in absolute block system is \_\_\_\_\_  
(a) 15 kmph (b) 25 kmph (c) Sectional speed (d) Walking speed
11. The engine is attached towards the \_\_\_\_\_ side in case of shunting on steep gradient.  
a) Falling (b) rising (c) east (d) west
12. When you say the signal is at ON, it means the aspect is \_\_\_\_\_  
a) Proceed (b) danger/stop (c) Caution (d) Attention
13. When the signal is double yellow, the aspect of the signal is \_\_\_\_\_  
a) Proceed (b) danger/stop (c) Caution (d) Attention

**III. Expand the following: (5X2= 10 marks)**

- (a) IRTTC
- (b) WTT
- (c) IRTS
- (d) AOM
- (e) ACP

**IV. Write True or False for the following statements (10X1=10 marks)**

1. Tail board/ tail lamp is used to indicate to the train running staff on duty that the train is complete.
2. Smell of burning grease is symptom of hot axle in a train.
3. Failure to set points against occupied line by Station master will not lead to collision.
4. The target time for turning out the breakdown special during 06:00 to 18:00 hours is 30 minutes.
5. No passenger train or mixed train shall be despatched from a station before the advertised time.



6. On a double line, every train shall run on the left hand line unless otherwise prescribed by special instructions.
7. Maximum number of coaches that may be allowed to be attached behind SLR is two only.
8. Authority to proceed refers to the permission given to loco pilot to go home after the work is completed by him.
9. Guard is in-charge of the train in all matters affecting stopping or movement of the train for traffic purposed.
10. Whistle boards with the letter 'W/L' are provided on the approaches of all the unmanned level crossings.

V. Match the following: (1X10= 10 marks)

Sl.No		Sl.No	
1.	Caution Order	a.	T/369-(3b)
2.	Authority to pass signals in 'ON' or defective position	b.	T/351
3.	(G)	c.	Hot axle
4.	Detonators	d.	Protection of work site
5.	Emission of Smoke	e.	T/A 602
6.	Disconnection notice	f.	T/409
7.	Banner flag	g.	Gate signal
8.	Block ticket to proceed without line clear	h.	Stop signal
9.	Paper Line Clear ticket (PLCT)	i.	Automatic Stop Signal
10.	(A)	j.	T/C 1425

PART-B

(Descriptive type Questions)

VI Answer any five from the following in about 130-150 words. (5X7=35 marks)

1. What is the difference between incident and accident?
2. Briefly discuss some of the factors pertaining to operating department that contribute to a good punctuality.
3. Explain two reasons as to why publishing of time table for passenger/ mail /express trains is essential.
4. Define line capacity and what is the difference between maximum line capacity , practical line capacity and economical line capacity?
5. What is wagon Turn Round and give 5 measures for improving wagon turn round?
6. Write short notes on Train signal register.
7. Explain the duties of Guard and SM as per G&SR in case of jerk or any abnormal condition in track reported during train running.
8. Discuss the role of SM/ during signal/point failure as per G&SR.

VII Answer any one of the following questions in about 200-250 words: (1X10= 10 marks)

1. What are the precautions to be taken by Station Master/traffic staff when vehicle/load/train is to be stabled at station?
  2. Write about the official language policy of the union of India.
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